Application No. : 10/762,291

Art Unit: 3746

291 Attorney Docket No. 22948.00

Confirmation No. 4682

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended) An automatic pneumatic pump, comprising:

a casing, said casing having an outer surface, a top wall and a bottom wall, said

casing, top wall and bottom wall enclosing a water-tight chamber;

a cylindrical tube disposed in said casing, said tube having an open upper end and

an open lower end, wherein said open upper end extends above the top wall of said

casing;

a compressed air, line said air line having a portion disposed on said bottom wall;

an outlet nipple having a conical outlet opening connected to said air line, said

nipple extending through said open lower end of said tube;

a fluid discharge line, said discharge line having an inlet opening into said water-

tight chamber; and

a plunger, said plunger disposed in said tube and freely movable therein.

Application No.: 10/762,291 Attorney Docket No. 22948.00
Art Unit: 3746 Confirmation No. 4682

Claim 2. (*Original*) An automatic pneumatic pump as recited in claim 1, including a head gasket seat and a beveled head plate gasket disposed on said open upper end.

Claim 3. (*Currently Amended*) An automatic pneumatic pump as recited in claim 2, including a valve seat gasket on said plunger, wherein said valve seat gasket engages said head gasket seat and said beveled head plate gasket to close said open upper end.

Claim 4. (*Original*) An automatic pneumatic pump as recited in claim 1, including a pair of lifting handles attached to the outer surface of said casing.

Claim 5. (*Original*) An automatic pneumatic pump as recited in claim 1, including a plug in said plunger for engaging said nipple and sealing said outlet.

Claim 6. (*Original*) An automatic pneumatic pump as recited as recited in claim 1, including a filter positioned at said open upper end.

Claim 7. (*Currently Amended*) An automatic pneumatic pump as recited in claim 1, wherein said plunger comprises:

a cylindrical member having double walls, an open bottom, and a closed top;

a fluid-tight annular chamber defined between said double walls;

Application No. : 10/762,291

Art Unit : 3746

Attorney Docket No. 22948.00 Confirmation No. 4682

a tubular passageway vertically disposed in said plunger, said passageway

extending from said open bottom to said closed top; and

a plug for sealing said outlet nipple, said plug positioned in said passageway

adjacent said closed top.

Claim 8. (Original) An automatic pneumatic pump as recited in claim 7, wherein said

plug is fabricated from a pliable material.

Claim 9. (Original) An automatic pneumatic pump as recited in claim 7, wherein said

plunger is fabricated from iron.

Claim 10. (Original) An automatic pneumatic pump as recited in claim 7, including a

sealable opening positioned in one of said double walls, said opening communicating

with said annular chamber.

Claim 11. (*Currently Amended*) An automatic pneumatic pump, comprising:

a casing, said casing having an outer surface, a top wall and a bottom wall, said

casing, top wall and bottom wall enclosing a water-tight chamber;

 Application No. : 10/762,291
 Attorney Docket No. 22948.00

 Art Unit : 3746
 Confirmation No. 4682

a cylindrical tube disposed in said casing, said tube having an open upper end and an open lower end, wherein said open upper end extends above the top wall of said casing;

a head gasket seat disposed on said open upper end;

a compressed air line, said air line having a portion disposed on said bottom wall; an outlet nipple connected to said air line, said nipple extending through said open lower end of said tube;

a fluid discharge line, said discharge line having an inlet opening into said watertight chamber;

a plunger, said plunger disposed in said tube and freely movable therein; and a pair of lifting handles attached to said outer surface of said casing.

Claim 12. (*Currently Amended*) An automatic pneumatic pump as recited in claim 11, including a valve seat gasket on said plunger, wherein said valve seat gasket engages said head gasket seat to close said open upper end.

Claim 13. (*Currently Amended*) An automatic pneumatic pump as recited in claim 11, including a filter positioned at said open upper end adjacent said head gasket seat.

Application No.: 10/762,291 Attorney Docket No. 22948.00
Art Unit: 3746 Confirmation No. 4682

Claim 14. (Currently Amended) An automatic pneumatic pump as recited in claim 11,

wherein said plunger comprises:

a cylindrical member having double walls, an open bottom, and a closed top;

a fluid-tight annular chamber defined between said double walls;

a tubular passageway vertically disposed in said plunger, said passageway

extending from said open bottom to said closed top; and

a plug for sealing said outlet nipple, said stopper positioned in said passageway

adjacent said closed top.

Claim 15. (Original) An automatic pneumatic pump as recited in claim 14, wherein said

plug is fabricated from a pliable material.

Claim 16. (Original) An automatic pump as recited in claim 15, including a sealable

opening positioned in one of said double walls, said opening communicating with said

annular chamber.

Claims 17. (Original) An automatic pump as recited in claim 16, wherein said plunger is

fabricated from iron.